

CLAIMS

The invention claimed is:

1. A keycap for use with a keyboard having a plurality of activation keys, said keycap comprising:

at least one engagement member, for removably engaging said keycap to at least one of said plurality of activation keys; and

at least a first support structure having a first and a second surface and being disposed above a top surface of said engagement member, said first support structure being larger than said at least one of said plurality of activation keys and adapted to display a plurality of indicia.

2. The keycap as claimed in claim 1, wherein said first support structure is removably attached to said engagement member.

3. The keycap as claimed in claim 2 wherein said plurality of indicia are selected from the group consisting of symbols, characters, pictures, and Braille indicia.

4. The keycap as claimed in claim 1 further comprising at least one attachment member, for removably attaching an overlay containing said plurality of indicia to said first surface of said first support structure.

5. The keycap as claimed in claim 4 wherein said attachment member is selected from the group consisting of clips, hook and loop fasteners, releasable adhesives, and snaps.

6. The keycap as claimed in claim 4 wherein said attachment member comprises:

a pair of channels disposed on opposite ends of said second surface of said first support structure; and

at least a second support structure adapted to slidably engage said pair of channels, wherein said overlay is held generally immobile between a bottom surface of said first support structure and a top surface of said second support structure, and wherein said plurality of indicia of said overlay are adapted to be disposed proximate said first surface of said first support structure.

7. The keycap as claimed in claim 6 wherein said first surface of said first support structure is substantially flat.

8. The keycap as claimed in claim 6 wherein at least one of said first support structure and said second support structure further includes orientation indicia.

9. The keycap as claimed in claim 6 wherein at least one of said pair of channels, said second support structure and said first support structure include a stop mechanism preventing said first support structure from disengaging with said second support structure in at least one horizontal direction.

10. The keycap as claimed in claim 9 wherein said stop mechanism includes said second support structure generally trapezoidal in shape and said pair of channels generally inverted and corresponding trapezoidal shape adapted, for slidably engaging with said generally trapezoidal second support structure.

11. The keycap as claimed in claim 1 wherein said keycap includes at least two of said engagement members that removably engage at least two of said activation keys.

12. A keycap for use with an overlay having a plurality of indicia and a keyboard having a plurality of activation keys, said keycap comprising:

at least one engagement member, for removably engaging said keycap to at least one of said plurality of activation keys;

at least a first support structure having a first and a second surface, and being disposed above a top surface of said engagement member, said first support structure being larger than at least one of said activation keys; and

at least one attachment member, for removably attaching said overlay proximate to a first surface of said first support structure.

13. The keycap as claimed in claim 12 wherein said attachment member is selected from the group consisting of clips, hook and loop fasteners, releasable adhesives, and snaps.

14. The keycap as claimed in claim 12 wherein said attachment member comprises:

a pair of channels disposed on opposite ends of said second surface of said first support structure; and

at least a second support structure adapted to slidably engage said pair of channels, wherein said overlay is held generally immobile between a bottom surface of said first

support structure and a top surface of said second support structure, and wherein said plurality of indicia of said overlay are adapted to be disposed proximate said first surface of said first support structure.

15. The keycap as claimed in claim 14 wherein said first surface of said first support structure is substantially flat.

16. The keycap as claimed in claim 14 wherein at least one of said first support structure and said second support structure further includes orientation indicia.

17. The keycap as claimed in claim 14 wherein at least one of said pair of channels, said second support structure and said first support structure include a stop mechanism preventing said first support structure from disengaging with said second support structure in at least one horizontal direction.

18. The keycap as claimed in claim 17 wherein said stop mechanism includes said second support structure generally trapezoidal in shape and said pair of channels generally inverted and corresponding trapezoidal shape adapted, for slidably engaging with said generally trapezoidal second support structure.

19. The keycap as claimed in claim 12 wherein said keycap includes at least two of said engagement members that removably engage at least two of said activation keys.

20. A keycap for use with an overlay having a plurality of indicia and a keyboard having a plurality of activation keys, said keycap comprising:

at least one engagement member, for removably engaging said keycap to at least one of said plurality of activation keys;

at least a first support structure having a first and second surface;

a pair of channels disposed on opposite ends of said second surface of said first support structure; and

at least a second support structure adapted to slidably engage said pair of channels, wherein said overlay is held generally immobile between a bottom surface of said first support structure and a top surface of said second support structure, and wherein said plurality of indicia of said overlay are adapted to be disposed proximate said first surface of said first support structure.

21. The keycap as claimed in claim 20 wherein said first surface of said first support structure is substantially flat.

22. The keycap as claimed in claim 20 wherein at least one of said first support structure and said second support structure further comprises orientation indicia.

23. The keycap as claimed in 'claim' 20 wherein at least one of said pair of channels, said second support structure and said first support structure include a stop mechanism preventing said first support structure from disengaging with said second support structure in at least one horizontal direction.

24. The keycap as claimed in claim 23 wherein said stop mechanism includes said second support structure generally trapezoidal in shape and said pair of channels generally inverted and corresponding trapezoidal shape adapted, for slidably engaging with said generally trapezoidal second support structure.

25. The keycap as claimed in claim 20 wherein said keycap includes at least two of said engagement members that removably engage at least two of said activation keys.

26. A keycap for use with an overlay having a plurality of indicia and a keyboard having a plurality of activation keys, said keycap comprising:

at least one engagement member, for removably engaging said keycap to at least one of said plurality of activation keys;

at least a substantially flat first support structure having a first and a second surface;

a pair of channels disposed on opposite ends of said second surface of said first support structure; and

at least a second support structure adapted to slidably engage said pair of channels, wherein said overlay is held generally immobile between a bottom surface of said first support structure and a top surface of said second support structure, and wherein said plurality of indicia of said overlay are adapted to be disposed proximate said first surface of said first support structure, wherein at least one of said pair of channels, said second support structure and said first support structure include a stop mechanism preventing said first support structure from disengaging with said second support structure in at least one horizontal direction.

27. The keycap as claimed in claim 26 wherein said stop mechanism includes said second support structure generally trapezoidal in shape and said pair of channels generally

inverted and corresponding trapezoidal shape adapted, for slidably engaging with said generally trapezoidal second support structure.

28. The keycap as claimed in claim 26 wherein at least one of said first support structure and said second support structure further comprises orientation indicia.

29. The keycap as claimed in claim 26 wherein said keycap includes at least two of said engagement members that removably engage at least two of said activation keys.